ELSEVIER

Hearing Research 104 (1997) 207

HEARING RESEARCH

Author Index Volume 104

Abdala, C., see Sininger, Y.S. (104) 27
Adams, J.C., and Schulte, B.A.
Histopathologic observations of the aging gerbil cochlea (104) 101

Brown, M., Webster, W.R. and Martin, R.L.
The three-dimensional frequency organization of the inferior colliculus of the cat: a 2-deoxyglucose study (104) 57
Brown, M., Webster, W.R. and Martin, R.L.
Intensity and frequency functions of [^{14}C]2-deoxyglucose labelling in the central nucleus of the inferior colliculus in the cat (104) 73
Brown, A.M., see Williams, D.M. (104) 127

Canlon, B., see Dagli, S. (104) 39
Cone-Wesson, B., see Sininger, Y.S. (104) 27

Dagli, S., and Canlon, B.
The effect of repeated daily noise exposure on sound-conditioned and unconditioned guinea pigs (104) 39
Duncan, R.K., and Grant, J.W.
A finite-element model of inner ear hair bundle micromechanics (104) 15

Faddis, B.T., see McGinn, M.D. (104) 90
Flock, Å., and Jørgensen, J.M.
Synaptic body movements in the sensory cells of lateral line organs in the urodele amphibian *Ambystoma mexicanum* (104) 177

Grant, J.W., see Duncan, R.K. (104) 15

Henderson, D., see Zheng, X.-Y. (104) 191
Henry, K.R.,
Auditory nerve neurophonic tuning curves produced by masking of round window responses (104) 167
Hirose, K., Hockenbery, D.M. and Rubel, E.W
Reactive oxygen species in chick hair cells after gentamicin exposure in vitro (104) 1
Hockenbery, D.M., see Hirose, K. (104) 1
Hu, B.-H., see Zheng, X.-Y. (104) 191

Jørgensen, J.M., see Flock, Å. (104) 177

Kalmring, K., see Sickmann, T. (104) 155
Kelly, J.B., and Li, L.
Two sources of inhibition affecting binaural evoked responses in the rat's inferior colliculus: the dorsal nucleus of the lateral lemniscus and the superior olivary complex (104) 112

Li, L., see Kelly, J.B. (104) 112

Mäkelä, J.P., see Vasama, J.-P. (104) 183
Martin, R.L., see Brown, M. (104) 57
Martin, R.L., see Brown, M. (104) 73
McFadden, S.L., see Zheng, X.-Y. (104) 191
McGinn, M.D., and Faddis, B.T.
Kangaroo rats exhibit spongiform degeneration of the central auditory system similar to that found in gerbils (104) 90
Müller, A., see Sickmann, T. (104) 155

Rubel, E.W, see Hirose, K. (104) 1

Saitoh, M., Ueda, H. and Yanagita, N.
Changes in cochlear function after double-membrane rupture in the guinea pig (104) 147
Schulte, B.A., see Adams, J.C. (104) 101
Schulte, B.A., see Yoho, E.R. (104) 47
Sickmann, T., Kalmring, K. and Müller, A.
The auditory-vibratory system of the bushcricket *Polysarcus denticauda* (Phaneropterinae, Tettigoniidae)
I. Morphology of the complex tibial organs (104) 155
Sininger, Y.S., Abdala, C. and Cone-Wesson, B.
Auditory threshold sensitivity of the human neonate as measured by the auditory brainstem response (104) 27

Thalmann, R., see Yoho, E.R. (104) 47
Thalmann, I., see Yoho, E.R. (104) 47
Thomopoulos, G.N., see Yoho, E.R. (104) 47

Ueda, H., see Saitoh, M. (104) 147

Vasama, J.-P., and Mäkelä, J.P.
Auditory cortical responses in humans with profound unilateral sensorineural hearing loss from early childhood (104) 183

Webster, W.R., see Brown, M. (104) 57
Webster, W.R., see Brown, M. (104) 73
Williams, D.M., and Brown, A.M.
The effect of contralateral broad-band noise on acoustic distortion products from the human ear (104) 127

Yanagita, N., see Saitoh, M. (104) 147
Yoho, E.R., Thomopoulos, G.N., Thalmann, I., Thalmann, R. and Schulte, B.A.
Localization of organ of Corti protein II in the adult and developing gerbil cochlea (104) 47

Zheng, X.-Y., Henderson, D., McFadden, S.L. and Hu, B.-H.
The role of the cochlear efferent system in acquired resistance to noise-induced hearing loss (104) 191

ELSEVIER

Hearing Research 104 (1997) 209–211

HEARING RESEARCH

Subject Index Volume 104

Acoustic stimulation
Tonotopic; Frequency selectivity (Brown, M. (104) 73)

Acoustic trauma
Cochlear innervation; Toughening; Hair cell loss; Histochemistry (Zheng, X.-Y. (104) 191)

Aminoglycoside
Ototoxicity; Reactive oxygen species (Hirose, K. (104) 1)

Anatomical lamina
Tonotopic organization; Three-dimensional reconstruction; Auditory nucleus (Brown, M. (104) 57)

Auditory
Finite-element; Hair cell; Stereocilia; Tip link (Duncan, R.K. (104) 15)

Auditory threshold; Frequency-specific response; Neonate (Sininger, Y.S. (104) 27)

Noise; Hearing loss; Distortion product otoacoustic emission; Sound conditioning (Dagli, S. (104) 39)

Binaural interaction; Inferior colliculus; Dorsal nucleus of lateral lemniscus; Superior olivary complex; Sound localization; Spatial hearing (Kelly, J.B. (104) 112)

Auditory cortex
Auditory evoked field; Sensorineural; Hearing loss; Interstimulus interval; Human (Vasama, J.-P. (104) 183)

Auditory evoked field
Auditory cortex; Sensorineural; Hearing loss; Interstimulus interval; Human (Vasama, J.-P. (104) 183)

Auditory nucleus
Tonotopic organization; Three-dimensional reconstruction; Anatomical lamina (Brown, M. (104) 57)

Auditory threshold
Auditory brainstem response; Frequency-specific response; Neonate (Sininger, Y.S. (104) 27)

Cochlear nucleus; Degeneration; Gerbil; Kangaroo rat (McGinn, M.D. (104) 90)

Auditory-vibratory receptor
Complex tibial organ; Morphology; Bushcricket; Insect (Sickmann, T. (104) 155)

Binaural interaction
Auditory brainstem; Inferior colliculus; Dorsal nucleus of lateral lemniscus; Superior olivary complex; Sound localization; Spatial hearing (Kelly, J.B. (104) 112)

Bushcricket
Auditory-vibratory receptor; Complex tibial organ; Morphology; Insect (Sickmann, T. (104) 155)

Cochlea
Otoacoustic emission; Perilymphatic fistula (Saitoh, M. (104) 147)

Gerbil; Phase-locking (Henry, K.R. (104) 167)

Toughening; Acoustic trauma; Hair cell loss; Histochemistry (Zheng, X.-Y. (104) 191)

Cochlear nucleus
Auditory threshold; Degeneration; Gerbil; Kangaroo rat (McGinn, M.D. (104) 90)

Complex tibial organ
Auditory-vibratory receptor; Morphology; Bushcricket; Insect (Sickmann, T. (104) 155)

Contralateral stimulation
Otoacoustic emission; Efferent; Distortion product; Human (Williams, D.M. (104) 127)

Degeneration
Auditory threshold; Cochlear nucleus; Gerbil; Kangaroo rat (McGinn, M.D. (104) 90)

Development
Immunohistochemistry; Inner ear; Ion transport; Endolymph (Yoho, E.R. (104) 47)

Distortion product
Auditory; Noise; Hearing loss; Sound conditioning (Dagli, S. (104) 39)

Otoacoustic emission; Efferent; Contralateral stimulation; Human (Williams, D.M. (104) 127)

Dorsal nucleus of lateral lemniscus
Binaural interaction; Auditory brainstem; Inferior colliculus; Superior olivary complex; Sound localization; Spatial hearing (Kelly, J.B. (104) 112)

Efferent
Otoacoustic emission; Distortion product; Contralateral stimulation; Human (Williams, D.M. (104) 127)

Endolymph
Immunohistochemistry; Inner ear; Ion transport; Development (Yoho, E.R. (104) 47)

Finite-element
Auditory; Hair cell; Stereocilia; Tip link (Duncan, R.K. (104) 15)

Frequency selectivity
Tonotopic; Acoustic stimulation (Brown, M. (104) 73)

Frequency-specific response
Auditory brainstem response; Auditory threshold; Neonate (Sininger, Y.S. (104) 27)

Gerbil
Auditory threshold; Cochlear nucleus; Degeneration; Kangaroo rat (McGinn, M.D. (104) 90)

Cochlea; Phase-locking (Henry, K.R. (104) 167)

Hair cell
Auditory; Finite-element; Stereocilia; Tip link (Duncan, R.K. (104) 15)

Pathology; Presbycusis; Organ of Corti (Adams, J.C. (104) 101)

Neuromast; Synapse; Plasticity (Flock, Å. (104) 177)

Cochlear innervation; Toughening; Acoustic trauma; Histochemistry (Zheng, X.-Y. (104) 191)

Hearing loss
Auditory; Noise; Distortion product otoacoustic emission; Sound conditioning (Dagli, S. (104) 39)

Auditory evoked field; Auditory cortex; Sensorineural; Interstimulus interval; Human (Vasama, J.-P. (104) 183)

Histochemistry
Cochlear innervation; Toughening; Acoustic trauma; Hair cell loss (Zheng, X.-Y. (104) 191)

Human
Otoacoustic emission; Efferent; Distortion product; Contralateral stimulation (Williams, D.M. (104) 127)

Auditory evoked field; Auditory cortex; Sensorineural; Hearing loss; Interstimulus interval (Vasama, J.-P. (104) 183)

Immunohistochemistry
Inner ear; Ion transport; Endolymph; Development (Yoho, E.R. (104) 47)

Inferior colliculus
Binaural interaction; Auditory brainstem; Dorsal nucleus of lateral lemniscus; Superior olivary complex; Sound localization; Spatial hearing (Kelly, J.B. (104) 112)

Inner ear
Immunohistochemistry; Ion transport; Endolymph; Development (Yoho, E.R. (104) 47)

Insect
Auditory-vibratory receptor; Complex tibial organ; Morphology; Bushcricket (Sickmann, T. (104) 155)

Interstimulus interval
Auditory evoked field; Auditory cortex; Sensorineural; Hearing loss; Human (Vasama, J.-P. (104) 183)

Ion transport
Immunohistochemistry; Inner ear; Endolymph; Development (Yoho, E.R. (104) 47)

Kangaroo rat
Auditory threshold; Cochlear nucleus; Degeneration; Gerbil (McGinn, M.D. (104) 90)

Morphology
Auditory-vibratory receptor; Complex tibial organ; Bushcricket; Insect (Sickmann, T. (104) 155)

Neonate
Auditory brainstem response; Auditory threshold; Frequency-specific response (Sininger, Y.S. (104) 27)

Neuromast
Hair cell; Synapse; Plasticity (Flock, Å. (104) 177)

Noise
Auditory; Hearing loss; Distortion product otoacoustic emission; Sound conditioning (Dagli, S. (104) 39)

Organ of Corti
Pathology; Presbycusis; Hair cell (Adams, J.C. (104) 101)

Otoacoustic emission
Efferent; Distortion product; Contralateral stimulation; Human (Williams, D.M. (104) 127)

Cochlea; Perilymphatic fistula (Saitoh, M. (104) 147)

Ototoxicity
Aminoglycoside; Reactive oxygen species (Hirose, K. (104) 1)

Pathology
Presbycusis; Organ of Corti; Hair cell (Adams, J.C. (104) 101)

Perilymphatic fistula
Cochlea; Otoacoustic emission (Saitoh, M. (104) 147)

Phase-locking
Cochlea; Gerbil (Henry, K.R. (104) 167)

Plasticity
Neuromast; Hair cell; Synapse (Flock, Å. (104) 177)

Presbycusis
Pathology; Organ of Corti; Hair cell (Adams, J.C. (104) 101)

Reactive oxygen species
Aminoglycoside; Ototoxicity (Hirose, K. (104) 1)

Sensorineural
Auditory evoked field; Auditory cortex; Hearing loss; Interstimulus interval; Human (Vasama, J.-P. (104) 183)

Sound conditioning
Auditory; Noise; Hearing loss; Distortion product otoacoustic emission (Dagli, S. (104) 39)

Sound localization
Binaural interaction; Auditory brainstem; Inferior colliculus; Dorsal nucleus of lateral lemniscus; Superior olivary complex; Spatial hearing (Kelly, J.B. (104) 112)

Spatial hearing
Binaural interaction; Auditory brainstem; Inferior colliculus; Dorsal nucleus of lateral lemniscus; Superior olivary complex; Sound localization (Kelly, J.B. (104) 112)

Stereocilia
Auditory; Finite-element; Hair cell; Tip link (Duncan, R.K. (104) 15)

Superior olivary complex
Binaural interaction; Auditory brainstem; Inferior colliculus; Dorsal nucleus of lateral lemniscus; Sound localization; Spatial hearing (Kelly, J.B. (104) 112)

Synapse
Neuromast; Hair cell; Plasticity (Flock, Å. (104) 177)

Three-dimensional reconstruction
Tonotopic organization; Anatomical lamina; Auditory nucleus (Brown, M. (104) 57)

Tip link
Auditory; Finite-element; Hair cell; Stereocilia (Duncan, R.K. (104) 15)

Tonotopic
Acoustic stimulation; Frequency selectivity (Brown, M. (104) 73)

Three-dimensional reconstruction; Anatomical lamina; Auditory nucleus (Brown, M. (104) 57)

Toughening
Cochlear innervation; Acoustic trauma; Hair cell loss; Histochemistry (Zheng, X.-Y. (104) 191)